



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/061,201 Confirmation No.: 2093
Applicant : Mark Shannon
Filed : January 30, 2002
TC/A.U. : 1635
Examiner : Jon E. Angell

Docket No. : PB0178
Customer No. : 22840

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

February 18, 2005

**SUBMISSION OF REVISED NUCLEOTIDE SEQUENCE
AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

In connection with the captioned application, and further in response to the Office action of October 20, 2004, Applicant submits the following:

- 1) Revised Sequence Listing in CRF filed on CD-R pursuant to 37 C.F.R. § 1.824.
- 2) Written Sequence Listing filed on CD-R pursuant to 37 C.F.R. § 1.52(e)(1)(ii).
The disc is provided in duplicate (COPY 1, COPY 2). The two copies are identical, with each disc formatted for IBM-PC, MS-WindowsNT operating system compatibility, each disc identically containing a single file named PB0178_Sequence Listing.txt, having 618 kilobytes, last modified on February 17, 2005, and recorded February 17, 2005.

Applicant states:

- 1) The sequence listings do not include any new matter.

- 2) The sequence listing information recorded in computer readable form is identical to the written (on compact disc) sequence listing.

Applicants have added new sequences numbered 4163 through 4202 to incorporate the sequences identified in Figures 1B, 1C, 1D and 1E. Applicant has amended the Brief Description of the Drawings section in the specification to insert the corresponding sequence identification numbers. Due to the need to list the additional sequences, Applicant submits herewith a new CD-ROM containing the revised "Sequence Listing" and computer readable form "Sequence Listing" copies along with the required statements under 37 CFR § 1.821 (f) and (g).

As required, Applicant respectfully requests in the amendment response to the official Office action of October 20, 2004, that the revised "Sequence Listing" submitted herewith replace the original "Sequence Listing" as filed.

Please direct any remaining issues to Applicant's agent at the telephone number provided below.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on February 18, 2005.

Signature:



Name: Melissa Leck